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001/005

JUN 16 2006

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Hsu et al.

Application Serial No.: 10/680,636

Filed: October 7, 2003

For: METHOD AND APPARATUS FOR ENABLING FAST CLOCK PHASE LOCKING IN A  
PHASE-LOCKED LOOP

Commissioner for Patents

P.O. Box 1450

Alexandria, Virginia 22313-1450

**CERTIFICATE UNDER 37 C.F.R. §3.73(b)  
ESTABLISHING RIGHT OF ASSIGNEE TO TAKE ACTION**

1. The assignee of the entire right, title and interest hereby seeks to take action in the PTO in this matter.

**IDENTIFICATION OF ASSIGNEE**

2. The assignee of this matter is:

**MEDIATEK INCORPORATION**

5F, No. 1-2, Innovation Rd. 1  
Science-Based Industrial Park  
Hsin-Chu, Taiwan 300, R.O.C.

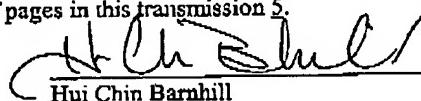
**PERSON AUTHORIZED TO SIGN**

3. Daniel R. McClure  
Attorney for Assignee

**CERTIFICATE OF FACSIMILE TRANSMISSION UNDER 37 CFR §1.8**

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being transmitted on the date indicated below via facsimile to the United States Patent and Trademark Office, Technology Group 2100, facsimile number (571) 273-8300. Total number of pages in this transmission 5.

June 16, 2006  
Date

  
Hui Chin Barnhill

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4. A chain of title from the inventor(s) to the current assignee is shown below:

a. From: Hsu, Tse-Hsiang; Liu, Ding-Jen; Chen, Jong-Woei;  
Chen, Chih-Cheng  
To: Mediatek Inc.  
Recorded in PTO: Reel: 014597 Frame: 0970

**DECLARATIONS**

5. I, the undersigned, have reviewed all the documents in the chain of title of the

application  
 patent

matter identified above and, to the best of my knowledge and belief, title is in the assignee identified above.

6. I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

7. I, the person signing below, aver that I am empowered to sign this statement on behalf of the assignee.

  
\_\_\_\_\_  
Daniel R. McClure, Reg. No. 38,962

Tel. No. 770-933-9500  
Customer No.: 24504

THOMAS, KAYDEN, HORSTEMEYER  
& RISLEY, L.L.P.  
100 Galleria Parkway, Suite 1750  
Atlanta, Georgia 30339-5948

Docket No. 251316-1460

JUN 16 2006

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application:

Application No.:

Filed:

Title:

Commissioner for patents  
Washington, D.C. 20231

**POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST**  
**(REVOCATION OF PRIOR POWERS)**

As assignee of record of each of the patent applications listed in the table of attachment A,

**REVOCATION OF PRIOR POWERS OF ATTORNEY**

all powers of attorney previously given in each of the listed patent applications are hereby revoked, and

**NEW POWER OF ATTORNEY**

the following attorneys/agents are hereby appointed to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: I hereby appoint all attorneys of Thomas, Kayden, Horstemeyer & Risley, LLP, who are listed under the USPTO Customer Number shown below as the attorneys to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, recognizing that the specific attorneys listed under that Customer Number may be changed from time to time at the sole discretion of Thomas, Kayden, Horstemeyer & Risley, LLP, and request that all correspondence about the application be addressed to the address filed under the same USPTO Customer Number.

**24504**

Patent Trademark Office

Please direct all future correspondence and telephone calls to:

Daniel R. McClure, Reg. No. 38,962  
THOMAS, KAYDEN, HORSTEMEYER & RISLEY, L.L.P.  
100 Galleria Parkway, Suite 1750  
Atlanta, Georgia 30339  
770-933-9500

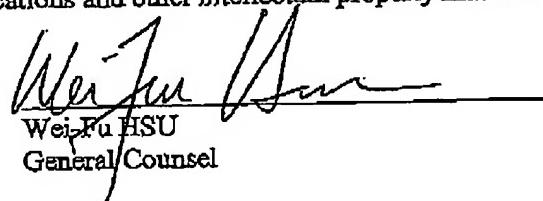
**ASSIGNEE OF ENTIRE INTEREST**

MediaTek Inc.  
5F, No. 1-2  
Innovation Road I  
Science-Based Industrial Park  
Hsin-Chu, Taiwan 300, R.O.C.

**ASSIGNEE CERTIFICATION**

The certification under 37 C.F.R. §3.73(b) establishing the right of assignee to take action is attached hereto along with documentation evidencing same. Further, in my official position with MediaTek Inc., I am authorized to sign documents and otherwise act on its behalf in connection with the management and handling of patent applications and other intellectual property matters.

Date: 6/12/06

  
Wei-Ju HSU  
General Counsel

**Attachment A**

No.	Serial No	Application Title	Filing Date	Assignment (Reel/Frame)
1.	10/104,957	Phase-Locked Loop Frequency Synthesizer Including Controllable Synchronous Frequency Dividers Controlled by a Common Frequency Dividing Control Signal	03/19/2002	012905/0128
2.	10/680,636	Method and Apparatus for Enabling Fast Clock Phase Locking in a Phased-Locked Loop	10/07/2003	014597/0970